SHEET INDEX

INSTALLATION NOTES

1. SEE WIRING LEGEND FOR NEW CABLE TYPES AND SIZES.
2. ALL NEW WORK SHALL BE IN ACCORDANCE WITH NFPA STANDARDS AND ALL LOCAL ADOPTED CODES.
3. CABLE ROUTING SHOWN ON DRAWINGS IS FOR INTENT. EXACT ROUTING TO BE COORDINATED IN THE FIELD. SEE SPECIFICATIONS AND DRAWING NOTES FOR ACCEPTABLE INSTALLATION METHODS.
4. PROVIDE ALL REQUIRED CONDUIT, BACKBOXES, AND FITTINGS FOR ANY NEW FIRE ALARM SYSTEM CABLING.
5. ALL NEW CABLE RUNS SHALL BE NEATLY BUNDLED, WRAPPED TIGHT AND PROPERLY SECURED. ANY CABLING NOT INSTALLED IN A NEAT AND PROFESSIONAL MANNER SHALL BE PULLED OUT AND RE-RUN BY INSTALLER.
6. CONTRACTOR RUNNING NEW CABLING MUST MARK BOTH ENDS OF CABLING, PROVIDE A WIRE LEGEND FOR ALL LOCATIONS, AND PROVIDE A CONTINUITY TEST LOG FOR EACH CABLE.
7. ALL NEW JUNCTION BOXES AND ADDRESSABLE MODULES SHALL BE INSTALLED TIGHT TO STRUCTURE OR AT THE BOTTOM OF STRUCTURE JOISTS. ALL NEW JUNCTION BOXES AND CABLE SPLICES SHALL BE ACCESSIBLE FOR SERVICE. PROVIDE ANY REQUIRED ACCESS PANELS.
8. ALL NEW FIRE ALARM CABLING SHALL BE INSTALLED IN CONDUIT.
9. ALL FIRE ALARM CABLING RISERS SHALL BE INSTALLED IN METALLIC CONDUIT.
10. ALL NEW FIRE ALARM CONDUIT IN FINISHED AREAS SHALL BE CONCEALED.
11. COORDINATE DRILLING OF ANY HOLES (I.E. COLUMN PENETRATIONS) WITH THE SENIOR RESIDENT ENGINEER (SRE) TRADES PRIOR TO INSTALLATION.
12. FIRE ALARM CONDUCTORS SHALL BE ACCEPTABLE TO THE FIRE ALARM EQUIPMENT MANUFACTURER FOR THE INTENDED PURPOSE. SHOULD MANUFACTURER OF FIRE ALARM EQUIPMENT REQUIRE DIFFERENT TYPE OR SIZE OF CABLE THAN HEREIN SPECIFIED, THE LARGER OR MORE STRINGENT TYPE OF CABLE SHALL BE USED.
13. CONDUIT SHALL ENTER INTO THE FIRE ALARM PANELS ONLY AS APPROVED BY THE EQUIPMENT MANUFACTURER.
14. ALL NEW FIRE ALARM JUNCTION BOXES SHALL BE PAINTED TO MATCH THE EXISTING JUNCTION BOXES.

ADDRESSING LEGEND

N1:L01M01
- MODULE/DEVICE NUMBER
- SIGNALING LINE CIRCUIT (SLC)
- PANEL NUMBER (NETWORK NODE)

L = LOOP
M = MODULE
D = DEVICE

EVACUATION ZONE LEGEND

01:01 - A
- EVACUATION ZONE
- BUILDING LEVEL / FLOOR
- BUILDING NUMBER

SB = SUB-BASEMENT
B = BASEMENT
SL = SERVICE LOBBY
N = INTERSTITIAL
M=MECHANICAL

ABATEMENT NOTE

1. CONTRACTOR SHALL, BEFORE BEGINNING ANY WORK ON THE PROJECT, REVIEW THE PROJECT AREAS OF WORK WITH THE SENIOR RESIDENT ENGINEER (SRE) TO DISCUSS ANY AREAS OF WORK WHERE HAZARDOUS MATERIALS MAY BE PRESENT. CONTRACTOR SHALL NOT WORK IN THE AFFECTED AREA(S) EXCEPT BY WRITTEN AGREEMENT OF THE SRE. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS MATERIAL BELIEVED TO BE ASBESTOS, ASBESTOS CONTAINING, LEAD-BASED PAINT, OR ANY OTHER HAZARDOUS MATERIAL WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND NOTIFY THE SRE. THE WORK IN THE AFFECTED AREA SHALL NOT THEREAFTER BE RESUMED EXCEPT BY WRITTEN AGREEMENT OF THE SRE.

GENERAL PROGRAMMING NOTES

1. CONTROL-BY-EVENT PROGRAMMING IS PROVIDED FOR GENERAL INFORMATIONAL PURPOSES ONLY. SPECIFIC SYSTEM PROGRAMMING SHALL BE PROVIDED BY THE FIRE ALARM CONTRACTOR IN SHOP DRAWING SUBMITTAL.
2. COORDINATE SPECIFIC ALPHANUMERIC DESCRIPTIONS WITH THE OWNER PRIOR TO SYSTEM PROGRAMMING.
3. THE FIRE ALARM CONTRACTOR SHALL PROVIDE SPARE ADDRESSABLE CAPACITY FOR ALL SPEAKER CIRCUITS AND ASSOCIATED CARDS. THE FIRE ALARM CONTRACTOR SHALL REVISE THE CONTROL-BY-EVENT PROGRAMMING TO INCLUDE ALL SPECIFIC SYSTEM REQUIREMENTS, AND TO INCLUDE A MINIMUM OF TWENTY (20) PERCENT SPARE CAPACITY ON EACH ADDRESSABLE DEVICE AND MODULE LOOP.
4. THE DEVICE ADDRESSES SHOWN ON THE FLOOR PLANS AND CONTROL-BY-EVENT PROGRAMMING IS FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT MATCH THAT IS CURRENTLY INSTALLED. NOT ALL ADDRESSABLE DEVICES CURRENTLY INSTALLED ON THE FIRE ALARM SYSTEM MAY BE REPRESENTED ON THE FLOOR PLANS AND CONTROL-BY-EVENT PROGRAMMING. THE FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING ADDRESSABLE FIRE ALARM SYSTEM DEVICES.

GENERAL NOTES

1. PROVIDE MONITORING CONNECTIONS TO EXISTING SPRINKLER WATERFLOW SWITCHES AND TAMPER SWITCHES (SWITCHES ARE EXISTING). PROVIDE ALL CABLING TO SWITCHES, FINAL WIRING CONNECTIONS AT SWITCHES, AND SUPERVISION OF ALL WIRING CONNECTIONS.
2. PROVIDE DEDICATED 120 VAC CIRCUITS (CONNECTED TO THE EMERGENCY GENERATOR) TO EACH FIRE ALARM TRANSPONDER PANEL (FTR). LABEL THE DEDICATED CIRCUITS "FIRE ALARM SYSTEM". PROVIDE 24 HOUR BATTERY BACKUP IN EACH FTR.
3. EXISTING MEANS OF SIGNAL TRANSMISSION TO THE OFF-SITE MONITORING FACILITY FOR MONITORING OF GENERAL ALARM, SUPERVISORY, AND TROUBLE CONDITIONS SHALL REMAIN AND BE REUSED.
4. PROVIDE AND INSTALL NEW DUCT DETECTORS, ASSEMBLY AND SAMPLING TUBES AS INDICATED. PROVIDE A SEPARATE ADDRESSABLE CONTROL MODULE (ACM) FOR SHUTDOWN OF ASSOCIATED AIR HANDLING UNIT (AHU). LOCATE ACM WITHIN THREE (3) FEET OF THE ASSOCIATED AHU MOTOR CONTROLLER. PROVIDE ANY REQUIRED POWER CONNECTIONS AND SUPERVISION FOR DUCT DETECTOR AND ACM.
5. NOTIFICATION APPLIANCE CIRCUITS (NAC) ARE EXISTING AND SHALL REMAIN AND BE REUSED AS-IS.
6. EXISTING SPEAKER NOTIFICATION SYSTEMS WERE DESIGNED USING 25 VRMS POWER LIMITED CIRCUITS, APPLIANCES, AND AMPLIFIERS. ANY NEW SYSTEM EQUIPMENT PROVIDED SHALL BE 25 VRMS POWER LIMITED (INCLUDING ALL CIRCUITS, APPLIANCES, AND AMPLIFIERS).
7. THE EXISTING NOTIFICATION APPLIANCES SHALL REMAIN AND BE REUSED.
8. DEVICES AND APPLIANCE LOCATIONS AS SHOWN ON THE FIRE ALARM PLANS ARE NOT DIMENSIONED FOR EXACT INSTALLATION. COORDINATE EXACT PLACEMENT OF ALL DEVICES AND APPLIANCES WITH THE ARCHITECTURAL PLANS AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
9. MOUNT ALL HEAT DETECTORS, PROGRAMMED FOR ELEVATOR SHUTDOWN, WITHIN 24 INCHES OF THE ASSOCIATED SPRINKLER. HEAT DETECTORS SHALL HAVE BOTH A LOWER TEMPERATURE RATING AND A HIGHER SENSITIVITY AS COMPARED TO THE SPRINKLER. COORDINATE WITH THE SPRINKLER CONTRACTOR.
10. MOUNT ANY NEW SMOKE AND HEAT DETECTORS AT THE CEILING/DECK, AND NOT ON THE BOTTOM OF BEAMS OR JOISTS. LOCATE ALL SMOKE AND HEAT DETECTORS A MINIMUM OF THREE (3) FEET FROM ANY MECHANICAL DIFFUSERS, AND AS REQUIRED BY NFPA 72.
11. ALL THROUGH-PENETRATIONS OF FIRE-RATED WALLS AND FLOORS SHALL BE FIRE-STOPPED.
12. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FOR SERVICE. PROVIDE ANY REQUIRED ACCESS PANELS.

DEMOLITION NOTES

1. THE PURPOSE OF THE DEMOLITION WORK IN BUILDINGS 1, 6, 7, 8, 9, 10, 11, 18, 22, 24, 26, & 52 IS TO REPLACE ALL EXISTING GAMEWELL-FCI (FCI) DETECTION DEVICES WITH NEW, COMPARABLE DETECTION DEVICES UTILIZING EXISTING LOCATIONS, BASES, BACKBOXES, CABLE, AND CONDUIT.
2. THE PURPOSE OF THE DEMOLITION WORK IN BUILDING 53 IS TO COMPLETELY REMOVE ALL CONTROL PANELS, ANNUNCIATOR PANELS, AND ADDRESSABLE DEVICES CURRENTLY CONNECTED TO THE EDWARDS SYSTEMS TECHNOLOGY (EST) EST-3 SYSTEM AND REPLACE WITH NEW FCI FIRE ALARM SYSTEM COMPONENTS AS AN EXTENSION OF THE BUILDING 1 FIRE ALARM SYSTEM (FAS).
3. THE EXISTING FIRE ALARM SYSTEMS SHALL REMAIN IN SERVICE AS PORTIONS OF THE SYSTEM ARE SYSTEMATICALLY DISCONNECTED, DISMANTLED, AND REMOVED FROM SERVICE AND THE NEW FIRE ALARM SYSTEM COMPONENTS ARE INSTALLED IN ITS PLACE.
4. DEMOLISH AND REMOVE ALL EST-3 FIRE ALARM SYSTEM COMPONENTS FROM BUILDING 1 & 18, INCLUDING ALL ANNUNCIATOR PANELS, DEVICES, AND CABLING. EXISTING CONDUIT SHALL BE ABANDONED IN PLACE.
5. THE EXISTING BUILDING 53 EST-3 FIRE ALARM SYSTEM EQUIPMENT SHALL BE PROPERLY DISCONNECTED FROM THE EXISTING FIRE ALARM CONTROL UNIT AND BE COMPLETELY REMOVED FROM THE BUILDING. EXISTING CABLE AND CONDUIT SHALL BE REUSED. THE EST-3 FIRE ALARM SYSTEM ADDRESSABLE DEVICES SHALL BE REPLACED WITH COMPARABLE FCI ADDRESSABLE DEVICES ON A ONE-FOR-ONE BASIS UNLESS OTHERWISE NOTED.
6. VERIFY ACTUAL QUANTITIES AND LOCATIONS OF EXISTING FIRE ALARM EQUIPMENT TO BE DEMOLISHED WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
7. RETURN ALL DEMOLISHED FIRE ALARM EQUIPMENT TO THE COR.
8. PROVIDE PATCHING, PAINTING OR OTHER REPAIR NECESSARY TO REPAIR DAMAGE TO WALLS, CEILINGS, ETC. CAUSED BY THE DEMOLITION OF THE FIRE ALARM SYSTEM. COORDINATE REPAIR WORK WITH COR.
9. PENETRATIONS IN FIRE RATED ASSEMBLIES RESULTING FROM THE REMOVAL OF FIRE ALARM EQUIPMENT, CONDUIT, OR CABLING SHALL BE FIRE STOPPED PER THE LATEST EDITION OF THE UL FIRE RESISTANCE DIRECTORY.
10. EXISTING FIRE ALARM CABLING TO REMAIN SHALL BE TESTED TO ENSURE PROPER CIRCUIT INTEGRITY. CABLING DETERMINED TO NOT PROVIDE PROPER CIRCUIT INTEGRITY SHALL BE REPLACED.
11. WORK SHALL BE LIMITED TO A MAXIMUM OF ONE (1) EVACUATION ZONE AT A TIME. ALL WORK SHALL BE COMPLETED WITHIN THE CURRENT ZONE PRIOR TO ANY WORK BEGINNING IN THE NEXT ZONE.
12. AT NO POINT SHALL ANY BUILDING OR ZONE BE AT A LEVEL OF FIRE PROTECTION LESS THAN WHAT WAS IN PLACE PRIOR TO WORK BEGINNING.
13. NO ZONE SHALL BE DISABLED FOR A PERIOD OF GREATER THAN TEN (10) HOURS, WITHOUT APPROVAL BY THE COR. CONTRACTOR SHALL PROVIDE ADEQUATE LEVELS OF FIRE PROTECTION AT ALL TIMES DURING PERIODS IN WHICH ANY PART OF THE FIRE ALARM SYSTEM IS DISABLED.

KEYED NOTES

1. EXISTING DETECTION DEVICE SHALL BE REMOVED AND REPLACED WITH A COMPARABLE DETECTOR OF SAME MANUFACTURER AND COMPATIBLE WITH EXISTING FIRE ALARM CONTROL UNIT (FACU). SET NEW DEVICE ADDRESS IDENTICAL TO THAT OF DEVICE BEING REPLACED.
2. EXISTING DUCT SMOKE DETECTION DEVICE SHALL BE REMOVED AND REPLACED WITH A NEW DUCT SMOKE DETECTOR OF SAME MANUFACTURER AND COMPATIBLE WITH EXISTING FACU. PROVIDE AND INSTALL NEW DUCT SMOKE DETECTOR HOUSING AND SAMPLING TUBES AS NECESSARY. SET NEW DEVICE ADDRESS IDENTICAL TO THAT OF DEVICE BEING REPLACED.
3. EXISTING FACU SHALL REMAIN AND BE REUSED. PROVIDE AND INSTALL NETWORK REPEATER WITHIN EXISTING FACU FOR CONNECTION TO NEW FIBER OPTIC NETWORK CABLE.
4. PROVIDE AND INSTALL NEW FIBER OPTIC NETWORK CABLE BETWEEN BUILDING 1 FACU AND BUILDING 8 FACU WITHIN EXISTING CONDUIT PATHWAY. PROVIDE A CLASS 'X' CIRCUIT PATHWAY BETWEEN BUILDING FACU'S.
5. PROVIDE AND INSTALL A NEW ADDRESSABLE SPOT TYPE SMOKE DETECTION DEVICE OF SAME MANUFACTURER AND COMPATIBLE WITH THE EXISTING BUILDING 1 FACU. PROVIDE AND INSTALL ALL CABLE AND CONDUIT AS REQUIRED. MOUNT SMOKE DETECTOR ON THE BOTTOM OF THE CEILING/DECK (NOT ON THE BOTTOM OF STRUCTURAL MEMBERS) AND LOCATED MORE THAN THREE (3) FEET FROM AIR SUPPLY DIFFUSERS, AS INDICATED IN NFPA 72.
6. EXISTING EDWARDS SYSTEMS TECHNOLOGY (EST) FIRE ALARM ANNUNCIATOR PANEL (FAAP) CONNECTED TO THE BUILDING 53 FACU SHALL BE REMOVED. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC). ANY EXISTING CONDUIT NO LONGER BEING UTILIZED SHALL BE ABANDONED IN PLACE.
7. EXISTING GAMEWELL-FCI (FCI) FAAP SHALL BE REMOVED AND REPLACED WITH A NEW FCI FOCALPOINT GRAPHIC WORKSTATION (FPGW). PROVIDE AND INSTALL A NEW FIBER OPTIC NETWORK CABLE BETWEEN EXISTING BUILDING 1 FACU AND NEW FPGW WITHIN EXISTING CONDUIT PATHWAYS. CIRCUIT PATHWAY'S BETWEEN FACU AND FPGW SHALL BE DESIGNATED AS CLASS 'X'. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC).
8. REPLACE EXISTING EST ADDRESSABLE DEVICE WITH A NEW, COMPARABLE FCI ADDRESSABLE DEVICE ON A ONE-FOR-ONE BASIS. UTILIZE EXISTING LOCATION, CABLING, CONDUIT, AND BACKBOX FOR NEW DEVICE WHENEVER POSSIBLE.
9. REPLACE EXISTING EST ADDRESSABLE DUCT SMOKE DETECTION DEVICE, HOUSING, AND SAMPLING TUBE WITH NEW FCI DUCT SMOKE DETECTION DEVICE, HOUSING, AND SAMPLING TUBE ON A ONE-FOR-ONE BASIS. UTILIZE EXISTING LOCATION, CABLING, CONDUIT, AND BACKBOX FOR NEW DEVICE WHENEVER POSSIBLE.
10. REPLACE EXISTING EST FACU WITH A NEW FCI FIRE ALARM TRANSPONDER PANEL (FTR). TERMINATE EXISTING SIGNALING LINE CIRCUITS (SLC), NOTIFICATION APPLIANCE CIRCUITS (NAC), AND INITIATING DEVICE CIRCUITS (IDC) WITHIN NEW FTR. INCLUDE ALL NECESSARY AMPLIFIERS, ADDRESSABLE MODULES, POWER SUPPLIES, BACK CANS, BATTERIES, AND INTERFACE SIGNALS. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC).
11. EXISTING EST FIRE FIGHTER TELEPHONE (FFT) BOX SHALL BE REMOVED. EXISTING FFT CIRCUIT AND CABLING SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC). PATCH AND PAINT WALL TO MATCH.
12. EXISTING FIRE ALARM RELAY CABINET (FARC) AND AMPLIFIER CABINET (AMP) SHALL BE REMOVED. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC).
13. PROVIDE AND INSTALL A NEW FCI FIRE ALARM NETWORK GRAPHIC ANNUNCIATOR (FAGA). PROVIDE AND INSTALL NEW CABLE AND CONDUIT BETWEEN BUILDING 1 FACU AND BUILDING 53 FAGA. COORDINATE EXACT MOUNTING LOCATIONS OF FIRE ALARM PANELS WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) PRIOR TO INSTALLATION.
14. PROVIDE CONNECTIONS TO DEDICATED 120 VAC POWER CIRCUITS (CONNECTED TO THE EMERGENCY GENERATOR). LABEL THE CIRCUITS "FIRE ALARM CIRCUIT". IDENTIFY THE LOCATION OF THE CIRCUIT DISCONNECT AT THE ASSOCIATED FIRE ALARM PANEL. COORDINATE EXACT MOUNTING LOCATIONS OF FIRE ALARM PANELS WITH THE COR PRIOR TO INSTALLATION.
15. AS A BID ALTERNATE, PROVIDE AND INSTALL A NEW FCI FOCAL POINT GRAPHIC WORKSTATION (FPGW). PROVIDE AND INSTALL NEW CABLE AND CONDUIT TO NEAREST FIRE ALARM NETWORK CONNECTION POINT. COORDINATE EXACT LOCATIONS WITH COR PRIOR TO INSTALLATION.
16. PROVIDE AND INSTALL A NEW FCI FTR. INCLUDE ALL NECESSARY AMPLIFIERS, ADDRESSABLE MODULES, POWER SUPPLIES, BACK CANS, BATTERIES, AND INTERFACE SIGNALS. PROVIDE AND INSTALL NEW CABLE BETWEEN EXISTING BUILDING 1 FACU AND NEW FTR WITHIN EXISTING CONDUIT PATHWAYS. TERMINATE EXISTING SLC, NAC, AND IDC CABLES WITHIN NEW FTR. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC). 1
17. PROVIDE A SERIAL DOT MATRIX PRINTER (UL LISTED FOR FIRE ALARM) CONNECTED TO THE EXISTING FCI FACU. COORDINATE EXACT MOUNTING LOCATION WITH THE GENERAL CONTRACTOR AND OWNER PRIOR TO INSTALLATION.
18. EXISTING DOOR HOLDER POWER SUPPLY (DHPS) AND ENCLOSURE SHALL BE REMOVED AND REPLACED WITH NEW CONTINUOUS POWER SUPPLY. VERIFY EXISTING DOOR HOLDER CIRCUITS VOLTAGE AND CURRENT REQUIREMENTS PRIOR TO INSTALLATION.
19. EXISTING FCI FAAP SHALL BE REMOVED AND REPLACED WITH A NEW WALL MOUNTED FCI FOCAL POINT MOBILE WORKSTATION (FPMW) UTILIZING THE EXISTING FAAP LOCATION AND CONDUIT. ANY EXISTING CABLE NO LONGER UTILIZED SHALL BE REMOVED IN ACCORDANCE WITH NFPA 70 (NEC). PROVIDE AND INSTALL NEW CABLE BETWEEN BUILDING 1 FACU AND BUILDING 11 FPMW WITHIN EXISTING CONDUIT PATHWAY. PROVIDE AND INSTALL ALL EQUIPMENT NECESSARY FOR WALL MOUNTING OF WORKSTATION AND HARDWIRED CONNECTION TO NEW FCI FIRE ALARM NETWORK WHILE MOUNTED.
20. EXISTING GASEOUS SUPPRESSION CONTROL PANEL AND SYSTEM COMPONENTS SHALL REMAIN AND BE REUSED AS-IS.
21. EXISTING FCI ADDRESSABLE MODULE SHALL BE DEMOLISHED AND REMOVED FROM THE FCI FIRE ALARM SYSTEM PROGRAMMING. ANY ASSOCIATED CABLING NO LONGER UTILIZED SHALL BE REMOVED.

SYMBOL KEY

Symbol	Description
FTR	FIRE ALARM TRANSPONDER PANEL - NEW
DHPS	DOOR HOLDER POWER SUPPLY - NEW
PTR	FIRE ALARM EVENT PRINTER - NEW
FAGA XX	FIRE ALARM GRAPHIC ANNUNCIATOR - NEW (XX = MANUFACTURER)
FPGW XX	FOCAL POINT GRAPHIC WORKSTATION - NEW (XX = MANUFACTURER)
FPMW XX	FOCAL POINT MOBILE WORKSTATION - NEW (XX = MANUFACTURER)
FAAP XX	FIRE ALARM ANNUNCIATOR - EXISTING TO REMAIN (XX = MANUFACTURER)
AMP	FIRE ALARM AMPLIFIER CABINET - EXISTING TO REMAIN
FARC	FIRE ALARM RELAY CABINET - EXISTING TO REMAIN
FACU XX	FIRE ALARM CONTROL UNIT - EXISTING TO REMAIN (XX = MANUFACTURER)
FATC	FIRE ALARM TERMINAL CABINET - EXISTING TO REMAIN
GSCP	GASEOUS SUPPRESSION CONTROL PANEL - EXISTING TO REMAIN
FARC	FIRE ALARM RELAY CABINET - EXISTING TO BE DEMOLISHED
AMP	FIRE ALARM AMPLIFIER CABINET - EXISTING TO BE DEMOLISHED
DHPS	DOOR HOLDER POWER SUPPLY - EXISTING TO BE DEMOLISHED
FACU XX	FIRE ALARM CONTROL UNIT - EXISTING TO BE DEMOLISHED (XX = MANUFACTURER)
PTR	FIRE ALARM EVENT PRINTER - EXISTING TO BE DEMOLISHED
FAAP XX	FIRE ALARM ANNUNCIATOR - EXISTING TO BE DEMOLISHED (XX = MANUFACTURER)
	FIRE FIGHTERS TELEPHONE - EXISTING TO BE DEMOLISHED
FA	FIRE ALARM CONDUIT (NEW)
EFA	FIRE ALARM CONDUIT (EXISTING)
AIM	ADDRESSABLE INPUT MODULE - EXISTING TO REMAIN (UNLESS NOTED)
AOM	ADDRESSABLE OUTPUT MODULE - EXISTING TO REMAIN (UNLESS NOTED)
F	WALL MOUNTED BELL - EXISTING TO REMAIN
F H	WALL MOUNTED HEAT DETECTOR - EXISTING TO BE REPLACED
F SD	WALL MOUNTED SYSTEM SMOKE DETECTOR - EXISTING TO BE REPLACED
F SD	CEILING MOUNTED SYSTEM SMOKE DETECTOR - EXISTING TO BE REPLACED
F H	CEILING MOUNTED HEAT DETECTOR - EXISTING TO BE REPLACED
TS	SPRINKLER CONTROL VALVE - EXISTING TO REMAIN
FS	SPRINKLER WATERFLOW SWITCH - EXISTING TO REMAIN
F	MANUAL PULL STATION - EXISTING TO REMAIN (UNLESS NOTED)
F SS	WALL MOUNTED SPEAKER STROBE - EXISTING TO REMAIN
F	CEILING MOUNTED STROBE - EXISTING TO REMAIN
DH	DOOR HOLD OPEN - EXISTING TO REMAIN
DC	FIRE/SMOKE DAMPER CONTROL - EXISTING TO REMAIN
F SS	CEILING MOUNTED SPEAKER STROBE - EXISTING TO REMAIN
F DD	DUCT SMOKE DETECTOR - EXISTING TO BE REPLACED
F HS	WALL MOUNTED HORN-STROBE - EXISTING TO REMAIN
F H	WALL MOUNTED HORN - EXISTING TO REMAIN
F S	WALL MOUNTED STROBE - EXISTING TO REMAIN
PS	PRESSURE SWITCH- EXISTING TO REMAIN

WIRING LEGEND

CONDUCTOR TYPE:

D = 14/2 TP SHIELDED
E = 18/2 TP
F = 14/2 TP
G = AS REQ'D BY MANF.
H = 14/2 WET LOCATION
J = 18/2 WET LOCATION

CIRCUIT DESIGNATION:

L = INITIATION DATA CIRCUIT
V = VISUAL NOTIFICATION CIRCUIT
SP = SPEAKER NOTIFICATION CIRCUIT
AV = AUDIBLE/VISUAL NOTIFICATION CIRCUIT
AN = ANNUNCIATOR CIRCUIT
PW = LOW VOLTAGE POWER CIRCUIT
RC = RELAY CONTROL CIRCUIT
ZN = INITIATION ZONE CIRCUIT
SU = SUPERVISORY ZONE CIRCUIT
N = NETWORK COMMUNICATION CIRCUIT
AC = PANEL AUDIO COMMUNICATION CIRCUIT
DC = PANEL DATA COMMUNICATION CIRCUIT
RT = REMOTE TEST STATION POWER CIRCUIT
PR = PRINTER CIRCUIT
SY = MULTIPLE SYNC CIRCUIT
SPARE = SPARE CIRCUIT

E(L##)
- CONDUCTOR TYPE
- CIRCUIT DESIGNATION
- CIRCUIT NUMBER

SHOULD MANUFACTURER OF FIRE ALARM EQUIPMENT REQUIRE A DIFFERENT TYPE OR SIZE OF CABLE THAN HEREIN SPECIFIED, THE LARGER OR MORE STRINGENT TYPE OF CABLE SHALL BE USED.

FULLY SPRINKLERED

DATE: 06/06/13
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No.	Description	Date
1	AMENDMENT	6/6/13

Revisions

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NUMBER PE-2004000793
PROFESSIONAL ENGINEER
06/06/13

APPROVED:	APPROVED:President A.F.G.E. 2250	APPROVED:Energy Engineer	APPROVED:Medical Center Director
APPROVED:	APPROVED:	APPROVED:Safety Manager	APPROVED:Associate Director
APPROVED:	APPROVED:	APPROVED:Infection Control Nurse	APPROVED:Chief of Staff
APPROVED:	APPROVED:	APPROVED:Industrial Hygienist	APPROVED:Chief of Engineering Service

Drawing Title: FIRE ALARM SHEET INDEX, NOTES, AND SYMBOL KEY
Project Title: REPLACE FACILITIES FIRE ALARM SYSTEM
Date: February 14, 2013
Project No.: 623.12.104
Scale: AS SHOWN
Approved: TWC - JCMVAMC
Checked By: JPH
Drawn By: CRO
Drawing No.: FA001
Building Number:
Location: Jack C. Montgomery VA Medical Center - Muskogee, OK
Dwg. 2 of 62

Department of Veterans Affairs

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